CLAIMS

1. (Currently amended) A method for expediting ~~an~~ a selected operation in a computer system, the method comprising:

associating a plurality of operations with ~~maintaining~~ an operating system task, the plurality of routing operations including the selected ~~for performing~~ operation;

executing the operating system task at a low priority level prior to performing the selected operation; and

raising the operating system task to a high priority level in order to perform the selected operation.

2. (Currently amended) The method of claim 1, wherein raising the operating system task to the high priority level in order to perform the selected operation comprises:

detecting a trigger condition indicating that the selected operation is to be performed; and

raising the operating system task to the high priority level upon detecting the trigger condition.

3. (original) The method of claim 2, wherein the operating system task is a routing task, and wherein the trigger condition comprises receipt of a link state advertisement protocol message including link status information.

4. (Currently amended) The method of claim 3, wherein the selected operation is a Dijkstra shortest path computation utilizing the link status information received in the link state advertisement protocol message.

5. (Currently amended) The method of claim 1, further comprising:

lowering the operating system task to the low priority level upon completion of the selected operation.

6. (Currently amended) A device comprising:

an operating system;

an operating system task including logic for performing a plurality of operations, the plurality of operations including a selected operation ~~an operation~~; and

task priority control logic operably coupled to execute the operating system task at a low priority level prior to performing the selected operation and raise the operating system task to a high priority level in order to perform the selected operation.

7. (original) The device of claim 6, wherein the task priority control logic is operably coupled to raise the operating system task to the high priority level upon detecting a trigger condition.

8. (original) The device of claim 7, wherein the operating system task is a routing task, and wherein the trigger condition comprises receipt of a link state advertisement protocol message including link status information.

9. (Currently amended) The device of claim 8, wherein the selected operation is a Dijkstra shortest path computation utilizing the link status information received in the link state advertisement protocol message.

10. (Currently amended) The device of claim 6, wherein the task priority control logic is operably coupled to lower the operating system task to the low priority level upon completion of the selected operation.

11. (Currently amended) A program product comprising a computer readable medium having embodied therein a computer program for expediting ~~an~~ a selected operation in a computer system, the computer program comprising:

task priority control logic programmed to execute an operating system task associated with a plurality of operations including the selected operation at a low priority level prior to performing the selected operation and raise the operating system task to a high priority level in order to perform the selected operation.

12. (original) The program product of claim 11, wherein the task priority control logic is programmed to raise the operating system task to the high priority level upon detecting a trigger condition.

13. (original) The program product of claim 12, wherein the operating system task is a routing task, and wherein trigger condition comprises receipt of a link state advertisement protocol message including link status information.

14. (original) The program product of claim 13, wherein the operation is a Dijkstra shortest path computation utilizing the link status information received in the link state advertisement protocol message.

15. (original) The program product of claim 11, wherein the task priority control logic is programmed to lower the operating system task to the low priority level upon completion of the selected operation.